Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application.

Listing of Claims

- 1. (previously presented) A device for manufacturing an intravascular stent, comprising:
 - a base having a first surface and a second surface;
- a laser cutting system attached to the first surface of the base, wherein the laser cutting system includes a laser/water jet hybrid;
 - a linear motor attached to the second surface of the base;
- a rotary motor coupled to the linear motor, wherein the rotary motor is positioned below the linear motor;
- a workpiece coupled to the rotary motor, the workpiece positioned below the linear motor;
 - a pre-cut guide coupled to the workpiece; and a post-cut guide coupled to the workpiece.
 - 2-4. (canceled)
- 5. (previously presented) The device of claim 1, further comprising a fluid that is passed onto or through the workpiece.
 - 6. (original) The device of claim 1, wherein the base includes granite.
- 7. (previously presented) The device of claim 1, wherein the linear motor is configured to move the workpiece horizontally.
 - 8. (original) The device of claim 1, wherein the linear motor is upside-down.

9-10. (canceled)

- 11. (original) The device of claim 1, wherein the laser cutting system is configured to transmit laser energy in the horizontal direction.
- 12. (original) The device of claim 11, further comprising a tuning mirror that reflects the horizontally transmitted laser energy from the horizontal direction to the vertical direction.
- 13. (previously presented) A device for cutting a stent from a tube, comprising:

a base member having a top surface and a bottom surface;

a first motor having a top surface and a bottom surface, the bottom surface of the first motor being attached to the bottom surface of the base member, such that the first motor is attached upside-down to the base member;

a laser cutting device attached to the top surface of the base member, wherein the laser cutting system includes a laser/water jet hybrid;

a rotary motor attached to the first motor, wherein the rotary motor is positioned below the first motor; and

a tubular workpiece connected to the rotary motor; wherein the tubular workpiece is positioned below the first motor.

- 14. (original) The device of claim 13, further comprising one or more guides coupled to the base member.
- 15. (original) The device of claim 13, further comprising one or more guides coupled to a base portion of the first motor.
- 16. (original) The device of claim 13, further comprising one or more guides coupled to an interface plate of the first motor.

- 17. (original) The device of claim 13, further comprising a fluid that is passed onto or through the workpiece.
- 18. (original) The device of claim 13, wherein the base member includes granite.
- 19. (original) The device of claim 13, wherein the first motor is configured to move a workpiece horizontally.

20-29. (canceled)